

32282 – SCSI Power Sniffer

General Information

Thank you for purchasing SCSI POWER SNIFFER. Operating in any SCSI environment, either Apple or IBM compatible, these two types of sniffers contain various specs that are SCSI-1, SCSI-2 and SCSI-3 compatible. Overall, these two products consist of FPT (Forced Perfect Terminator), which means active terminator. With this, signal voltage on SCSI Bus is regulated, each cable length can be extended to 80 feet, and the cable impedance for the whole chain will be matched. Users can pin point disruptions in the chain through LED indicators shown on the sniffer.

Installation

Make sure power is off in all SCSI devices including host
Install sniffer anywhere in the SCSI chain. For best results on the Power Sniffer, place at the beginning.
Turn on power.

Operation

The number of LED's in different items varies. However, the meaning of the same named LED is consistent. The light on the LED can be interpreted as the followings.

Status	Meaning
1) BSY LED is blinking	Indicates SCSI Bus is in use.
2) REQ LED is blinking	The target SCSI device is requesting a response from the initiator (host).
3) ACK LED is blinking	Initiator (host) is acknowledging the target SCSI device request.
4) TRM LED is on	Shows termination power is supplied on the SCSI chain. If this LED is off, SCSI bus will not run.
5) SEL LED is blinking	The initiator (host) is selecting a target
6) C/D LED is blinking	The Control/Data LED shows target device is receiving a signal from initiator (host) and indicates control or data information on the SCSI Bus.
7) I/O LED is blinking	Input/Output LED shows data transfer activity between selection and reselection phases.
8) All LED's are off	There is no termination power and activity on the SCSI Bus.
9) TRM is on and all other LED's are off	The target device is waiting for the next command from the initiator (host). ***Under this case, users can execute the powerful potential that a Power Sniffer can offer. Users can turn the switch to "safe". When the SAFE LED is on, removing or adding the removed devices will become possible. Please note that software support is essential to add new devices.
WARNING	
<i>Make sure to change devices under this status with the Power Sniffer.</i>	
10) TRM LED with other 3, 4 or 6 LED's are on but not blinking	The SCSI system is locked. Reboot the system 2 or 3 times.
12) TRM LED is dim	Shows termination power on the SCSI Bus is insufficient or the current is abnormal.

Any interface cards always have some sort of software attached. Under this case, if you want to add a new device, such as CDROM, make sure to install this software into the initiator (host) before you power on the SCSI chain. That way, the initiator can recognise the added device.